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NOTICE OF ALLOWANCE AND FEE(S) DUE

35503

7590

08/07/2009

Union Carbide Chemicals and Plastics Technology Corporation P.O. Box 1967 Midland, MI 48641-1967 EXAMINER

DENTZ, BERNARD I

ART UNIT PAPER NUMBER

1625

DATE MAILED: 08/07/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/571,508	03/10/2006	Liping Zhang	63261A	7832

TITLE OF INVENTION: PROCESS FOR THE PRODUCTION OF ALKYLENE OXIDE USING A GAS-PHASE PROMOTER SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	11/09/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

indicated unless correct maintenance fee notifica	ted below or directed ot	herwise in Block 1, by (a) specifying a new cor	respondence address;	and/or (b) indicating a sep	parate "FEE ADDRESS" for	
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Plastics Techno P.O. Box 1967	e Chemicals and logy Corporation		I S a tr	hereby certify that this	Fee(s) Transmittal is being by sufficient postage for fi	ng deposited with the United rst class mail in an envelope above, or being facsimile date indicated below.	
Midland, MI 48	641-1967		Γ			(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	;	FIRST NAMED INVENTO	OR .	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/571,508	03/10/2006	•	Liping Zhang	_	63261A	7832	
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APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU		()		
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CFR 1.363).	lence address or indication condence address (or Char B/122) attached.	`	(1) the names of up or agents OR, altern	e patent front page, list to 3 registered patent atively, agle firm (having as a r			
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney of 2 registered patent a	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
PLEASE NOTE: Un recordation as set for (A) NAME OF ASSI	tless an assignee is iden th in 37 CFR 3.11. Com GNEE	pletion of this form is NO	data will appear on the T a substitute for filing: (B) RESIDENCE: (CI	patent. If an assigned in assignment. TY and STATE OR CO	OUNTRY)	document has been filed for	
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4a. The following fee(s) Issue Fee	are submitted:	41	b. Payment of Fee(s): (P A check is enclosed		previously paid issue fee	: shown above)	
Publication Fee (1	No small entity discount		Payment by credit	card. Form PTO-2038			
Advance Order -	# of Copies		The Director is here overpayment, to De	by authorized to charg posit Account Number	e the required fee(s), any d (enclose	leficiency, or credit any an extra copy of this form).	
	ns SMALL ENTITY stat	us. See 37 CFR 1.27.			ENTITY status. See 37 C		
NOTE: The Issue Fee ar interest as shown by the	nd Publication Fee (if rec records of the United St	uired) will not be accepte ates Patent and Trademark	ed from anyone other that c Office.	n the applicant; a regist	ered attorney or agent; or t	the assignee or other party in	
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an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 22.	ntiality is governed by 35 application form to the tions for reducing this but Virginia 22313-1450. Do 313-1450.	5 U.S.C. 122 and 37 CFR e USPTO. Time will vary urden, should be sent to th O NOT SEND FEES OR	1.14. This collection is depending upon the in the Chief Information Off COMPLETED FORMS	estimated to take 12 m dividual case. Any con icer, U.S. Patent and T TO THIS ADDRESS.	inutes to complete, including the amount of the amount of the rademark Office, U.S. Department of the SEND TO: Commissioner	nd by the USPTO to process) ing gathering, preparing, and ime you require to complete partment of Commerce, P.O. r for Patents, P.O. Box 1450,	
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PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



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35503	7590 08/07/2009		EXAMINER	
Union Carbide (Chemicals and	DENTZ, BERNARD I		
Plastics Technolo	gy Corporation		ART UNIT	PAPER NUMBER
P.O. Box 1967				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 597 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 597 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

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	Application No.	Applicant(s)	
Nation of Allowability	10/571,508	ZHANG ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Bernard Dentz	1625	
The MAILING DATE of this communication appeal all claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comn GHTS . This application is	in this application. If not included nunication will be mailed in due course	
1. This communication is responsive to Amdt of 6-11-2009. a	nd Rule 132 Declaration o	<u> 6-15-2009</u> .	
2. ☑ The allowed claim(s) is/are <u>1-7</u> .			
 3. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received. been received in Applicat	ion No	
3. Copies of the certified copies of the priority do	cuments have been receive	ed in this national stage application fro	m the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	IENT of this application.		
INFORMAL PATENT APPLICATION (PTO-152) which give			- 0.
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) \square including changes required by the Notice of Draftspers	on's Patent Drawing Revie	ew (PTO-948) attached	
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date			. •
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			OT
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			e
Attachment(s)	5 □ Nation of	of control Defeat Analization	
1. Notice of References Cited (PTO-892)		nformal Patent Application	
 Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO/SB/08), 	Paper No	Summary (PTO-413), ./Mail Date s Amendment/Comment	
Paper No./Mail Date4. ☐ Examiner's Comment Regarding Requirement for Deposit		s Statement of Reasons for Allowance	;
of Biological Material	9. 🔲 Other	<u>_</u> .	

The following is an examiner's statement of reasons for allowance: The Declaration under 37 C.F.R. section 1.132 of the inventor demonstrates the importance of operating within the claimed N*/Z* ratio for a catalyst which has generated more than 1.1 kilo metric tons of ethylene oxide per cubic meter of catalyst. The references don't concern catalysts which have produced the latter cumulative quantity of ethylene oxide.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernard Dentz whose telephone number is 571-272-0683. The examiner can normally be reached on Mon.-Fri. 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janet Andres can be reached on 571 272-0867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Art Unit: 1625

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/ Bernard Dentz/
Primary Examiner, Art Unit 1625